

ROKE

PPN 06/21 - Roke Carbon Reduction Plan

Roke Manor Research Limited
Publication Date: 20 January 2022



Carbon Reduction Plan

Company	Roke Manor Research Ltd
Published	20 January 2022
Commitment to Carbon Neutral	2030
Commitment to Net Zero	2050

Baseline and current carbon emissions in tonnes of CO₂e:

	Baseline year FY 19-20	Current year FY 20-21
Scope 1 emissions	230 tonnes CO ₂ e	276 tonnes CO ₂ e
Scope 2 emissions	0 (644) tonnes CO ₂ e	0 (645) tonnes CO ₂ e
Scope 3 emissions	Not currently measured	Not currently measured
Total emissions	230 tonnes (Market based) 874 tonnes CO ₂ e (Location based)	276 tonnes (Market based) 921 Tonnes CO ₂ e (Location based)

Commentary:

- The majority of energy usage and emissions are electricity usage (Scope 2)
- Roke have already reduced these to zero by the purchase of green “zero carbon” tariffs which result in a 70% reduction in our carbon footprint
- The remaining carbon footprint (Scope 1) is mainly from fuel oil usage, from April 2022 use of Hydrotreated Vegetable Oil (HVO) will reduce this by circa 190 CO₂e tonnes, a further 20% reduction in our overall carbon footprint
- Roke have committed to Carbon Neutral by 2030 and Net Zero by 2050 and are now developing options to reduce CO₂e further
- Scope 3 emission are not currently measured and we will develop data collection systems in accordance with PPN 06/21 in 2022

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported in accordance with the UK Government “Environmental reporting guidelines: including Streamlined Energy and Carbon Reporting requirements April 2019”.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

A handwritten signature in black ink, appearing to read 'Paul MacGregor', with a long horizontal flourish extending to the right.

Paul MacGregor

Managing Director - Roke Manor Research Ltd

Date: 24 January 2022

We believe in improving the world through innovation. We do it by bringing the physical and digital together in ways that revolutionise industries.

That's why we've fostered an environment where some of the world's finest minds have the freedom, support and trust to succeed.

Roke is a team of curious and deeply technical engineers dedicated to safely unlocking the economic and societal potential of connected real-world assets. Our 60 year heritage and deep knowledge in sensors, communications, cyber and AI means our people are uniquely placed to combine and apply these technologies in ways that keep people safe whilst unlocking value. For our clients, we're a trusted partner that welcomes any problem confident that our consulting, research, innovation and product development will help them revolutionise and improve their world.

If you're bringing the physical and digital worlds together, we'd love to talk.

Roke Manor Research Ltd

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